



## **Memorandum**

**To:** Honorable Mayor Maso and Members of the Frisco City Council

**cc:** George Purefoy, City Manager  
Cissy Sylo, P.E., Director of Engineering Services  
Elizabeth Metting, P.E., Asst. Director/City Engineer  
Jason Brodigan, P.E., Senior Civil Engineer

**From:** Arthur Hartle, P.E., Senior Civil Engineer

**Date:** December 16, 2008

**Subject:** Consider and act upon adoption of a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and GSWW, Inc. for the design and bid package preparation of the Cottonwood Creek Sanitary Sewer Improvements. (Engineering)

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**Action Requested:** City Council consideration and approval of a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and GSWW, Inc., of Dallas, Texas, in the amount of \$37,550.00 for the design and bid package preparation for Cottonwood Creek Sanitary Sewer improvements.

**Background Information:** During routine maintenance operations the Public Works Department discovered a 700 lineal foot segment of the existing Cottonwood Creek 18-inch sanitary sewer that needed replacement. The sewer pipe was originally constructed in 1988 and buried six feet (6') below the streambed. However, due to water eroding the creek bed and banks, the PVC pipe has become exposed. This condition places the pipe in danger of damage by objects washed downstream in the creek and is a potential source of infiltration or ground water entering the sewer pipe. Cottonwood Creek flows from east of Preston Road westward to FM 423 and is located north of Main Street. The segment of the Cottonwood Creek Sanitary Sewer that needs to be replaced is located approximately 600 feet east of North County Road along Cottonwood Creek. The creek crosses North County Road three-fourths of a mile north of Main Street.

The improvements will include replacement of approximately 700 lineal feet of eighteen inch (18") sanitary sewer, replacement of one (1) manhole, and construction

of additional manholes as needed. Permanent erosion control structures will also be considered to prevent future erosion of the stream bank.

Under this contract GSWW, Inc. will provide survey and design services necessary to furnish a bid package for the sanitary sewer improvements. The total fee for the design of the sanitary sewer improvements is \$37,550.00.

Design is expected to require nine (9) months and construction will take approximately four (4) to six (6) months from the time the project is bid.

**Alternatives:** The City Council could consider the following alternatives:

- Approval of Resolution;
- Input towards the discussion as desired;
- Deny approval of the Resolution and send back to staff with direction.

**Financial Considerations:** Execution of the Professional Services Agreement with GSWW, Inc. will cost \$37,550.00. Staff recommends that funding be provided from the 2007 Certificates of Obligation.

**Legal Review:** The Resolution and the Professional Services Agreement have been reviewed and approved by the City Attorney's office as to form and legality.

**Supporting Documents:** Supporting documents include the following items:

- Copy of Location Map;
- Copy of Resolution;
- Copy of Professional Services Agreement.

**Staff Recommendation:** Staff recommends placement of this item on the December 16, 2008 City Council meeting agenda to consider and approve a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and GSWW, Inc. of Dallas, Texas, in the amount of \$37,550.00, for the design and bid package preparation of the Cottonwood Creek Sanitary Sewer Improvements. Staff will be available during the meeting to address the City Council's questions relating to this agenda item.